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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/017,620	12/14/2001	Wen Shu Chen	5589-1046	7918

23600 7590 12/29/2005

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EXAMINER

GIBBS, HEATHER D

ART UNIT	PAPER NUMBER
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2627

DATE MAILED: 12/29/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/017,620 ✓

Applicant(s)

CHEN ET AL.

Examiner

Heather D. Gibbs

Art Unit

2627

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 September 2005.
2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) 1-11 is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☒ The drawing(s) filed on 14 December 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

Response to Amendment

1. The amendment filed on 09/24/30 has been entered and made of record. Claims 1-11 are pending.

Response to Arguments

2. Applicant's arguments filed have been fully considered but they are not persuasive. Applicant argues Shahir does not disclose the use of a motor or other non-manual means to affect scanning. While Examiner respectfully disagrees, Neukermans (US 5,841,553) has been incorporated to explicitly teach this limitation.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1, 3-9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shahir (US 5,555,105) and Neukermans (US 5,841,553).

For claim 1, Shahir teaches A compact business card scanner comprising: a housing; a platen positioned in the housing, the platen having a first surface adapted to support a business card to be scanned, and having a second surface opposed to the first surface (Ref 8); a sensor module mounted within the

housing, adapted for reciprocal motion within the housing and adapted to convert an optical image of a scanned business card into digital data representative of said optical image (Ref 2) ; and a display device 10 positioned in the housing and adapted to display a graphic image of the scanned business card (Col 2 Lines 39-49; Col 4 Lines 1-29; Fig 1).

Shahir does not explicitly teach "the housing being adapted by a motor".

Neukermans teaches a document scanner 100, which includes a transport for moving the document 134 through the housing 102 that includes document feeder rolls and motor 202.

At the time the invention was made, it would have been obvious to combine Shahir with Neukermans as both inventions utilize a compact business scanner for handheld use and others of the sort.

Considering claim 3, Shahir teaches wherein the sensor module is a contact image sensor module (Col 2 Lines 50-54).

Regarding claim 4, Shahir discloses wherein the sensor module is a charge coupled device sensor module (Ref 2; Col 2 Lines 50-54).

Considering claim 5, Shahir teaches wherein the display device is a liquid crystal display (LCD) screen (Col 3 Lines 19-29).

Regarding claim 7, Shahir discloses at least one processing unit (CPU) and coupled digital data storage media (Col 4 Lines 30-38,48-52).

For claim 8, Shahir teaches wherein the digital data storage media is removable (Col 4 Lines 45-47).

For claim 9, Shahir discloses installed software adapted for scanning optical images, converting image data to be representative digital data, processing and storing

said digital files in image file format, and displaying graphically the digital data image files (Col 4 Lines 1-29).

5. Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over Shahir '105 in view of Knighton et al (US 6,032,866).

Shahir discloses the business card reader as discussed above.

Shahir does not disclose expressly a first housing and a second housing movably attached to said first housing.

Knighton discloses a first housing and a second housing movably attached to said first housing (Col 2 Lines 24-38; Fig 1).

Knighton & Shahir are combinable because they are from the same field of endeavor and employ business cards.

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to combine Knighton with Shahir.

The suggestion/motivation for doing so would have been to provide a compact image reader.

Therefore, it would have been obvious to combine Knighton with Shahir to obtain the invention as specified in claim 2.

6. Claim 10-11 is rejected under 35 U.S.C. 103(a) as being unpatentable over Shahir '105 in view of Rodriguez et al (US 6,650,761).

Regarding claim 11, Shahir discloses the business card reader as discussed above.

Shahir does not disclose expressly software adapted to provide a user interface for selection of displayed image and control of displayed image zoom in, zoom out, and control functions.

Rodriguez discloses a watermarked business scanner that includes software adapted to provide a user interface for selection of displayed image and control of displayed image zoom in, zoom out, and control functions (Col 3 Lines 26-43; Fig 1).

Shahir & Rodriguez are combinable because they are from the same field of endeavor.

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to combine Rodriguez with Shahir.

The suggestion/motivation for doing so would have been to employ user interface techniques, as taught by Rodriguez.

Therefore, it would have been obvious to combine Shahir with Rodriguez to obtain the invention as specified in claim 11.

Considering claim 10, Rodriguez teaches software adapted for scanning optical images, converting optical image data to representative digital data, processing said digital data by character recognition routines to generate text files, sorting and storing said text files, and displaying the digital data text files as text (Col 37 Line 60- Col 38 Line 6).

Conclusion

7. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

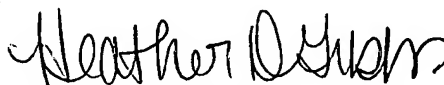
A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Heather D. Gibbs whose telephone number is 571-272-7404. The examiner can normally be reached on M-Thu 8AM-7PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L. Coles can be reached on 571-272-7402. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

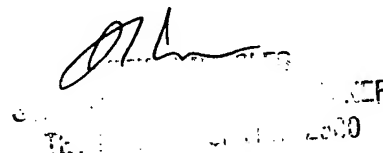
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Heather D Gibbs
Examiner
Art Unit 2627

hdg



EXAMINER
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